

Extract TFI cells and heat  
treat as per P. 115, 6

Project No. \_\_\_\_\_

Block No. \_\_\_\_\_

Results on P97  
Exhibit L-21

Appl. No. 09/558,421

95

ge N — with 1ml Tag wt buffer (P117, 3) (+ PmsF and fresh SMT

Pol array

maxA (for 9 x 400 Rxns)  
(for 27 Rxns)

Rad is 3-23-95  
checked

x TFI Reaction

(equivalent -  
mm Tris pH 9  
Ammonium

45  $\mu$ l  $\checkmark \checkmark$  131 67.1

Cl<sub>2</sub> 25 mM

JNIP 10 mM each

H<sub>2</sub>O

2 CDP

3.7 mg/ $\mu$ l

72  $\checkmark \checkmark$  54  
18  $\checkmark \checkmark$  27  
597  $\checkmark \checkmark$  880  
10.5  $\checkmark \checkmark$  4  
122  $\checkmark \checkmark$  183

Ng 27  
(50 mM) CF = 2 mM  
200  $\mu$ mol

Kp 855

(use 95  $\mu$ l/100  $\mu$ l Rxn)

Kp = 1211

use 45  $\mu$ l/50  $\mu$ l  
Rxn

1 2 3 4 5 6 7 8  
55  $\mu$ l —————>

RI  
202

4  
H

20  $\mu$ l

100  $\mu$ l

0.5  
4.5

72°C remove 20  $\mu$ l to 5  $\mu$ l 0.2 M EDTA at 15, 30, 60 min

Results on P97  
Result - all clones have thermostable activity. eg #107 is ~0.14  $\mu$ l/ $\mu$ l  
Tag is ~25  $\mu$ l/ $\mu$ l (P36) and 40 mg/ $\mu$ l in Fr I (P37)

Radford on Fr I's

To Page N \_\_\_\_\_

ed & Understood by me,

Dat

Invented by

Date

Researcher Bokun 11/6/95

Recorded by

12-14-94